Dr. J. E. Hendricks, the well known Editor of the *Analyst*, died at his home in D es Moines, Iowa, June 9, 1893. His biography with portrait will appear in our next number. J. M. C.

Miss Helen Almira Shaffer, A. M., LL. D., President of Wellesley College, d ied of pneumonia at the college, on January 29, aged 54 years. She was chief teacher of Mathematics for ten years in the St. Louis High School. In 1877, she accepted the professorship of Mathematics in Wellesley, which she filled until 1888, when she became president of that institution. J. M. C.

Professor Landreth, of Vanderbilt University, an alumnus of Union College, has been permanently engaged to fill the chair of Civil Engineering in Union College, Schenectady, in place of Professor C. C. Brown, resigned. J. M. C.

Our subscribers will be interested to know that the volume The Evanston Colloquium, Lectures on Mathematics, "delivered from August 28 to September 9,1893, before members of the Congress of Mathematics held in connection wi h the World's Fair in Chicago, at Northwestern University, Evanston, Illinois, by Felix Klein; reported by Professor Alexander Ziwet and published by Macmillan & Co.; New York, 1894, 8vo, 119 pages, cloth binding, can now be had, either from the publishers, or from Professor Ziwet, 14 S. State St., Ann Arbor, Michigan. J. M. C.

EDITORIALS.

We are obliged to apologize again to our subscribers for the delay of this issue of the MONTHLY. We were delayed a week in getting the cuts from the engraver and several weeks in securing the necessary sorts.

Professor Zerr's excellent article on Centroid of Plane Areas was cut out of this number of the MONTHLY as we could not get the necessary sorts. We want the article to appear in good form and, hence, defer its publication till the March Number.

Dr. Halsted says, "I think THE AMERICAN MATHEMATICAL MONTHLY answers to a real need, and I wish you all success." Prof. De Volson Wood says, "Your JOURNAL gives more than you receive." These statements, in substance, *are sanctioned by all of our subscribers.*

We can not tell how pleased we are at the many tributes of praise that come to us from those who received the MONTHLY. Nearly every letter begins by saying- "First number of AMERICAN MATHEMATICAL MONTHLY at hand. I am highly pleased with it. Please find enclosed $2.00 for my subscription for one year. Success to you, &c."

In answer to what kind of problems to propose for the MONTHLY, we would say that we want you to send us original problems, or problems selected from any text on Mathematics, in which different methods of solution are desired, or problems presenting any thing of interest to the proposer.

We want to make the MONTHLY eminently practical, and if there is nothing in it suitable to the class room in our High Schools and Academies, it is because the laborers in that field of work do not make their wants known. Send us problems in Arithmetic or elementary Geometry and we will publish them, to be solved and discussed.

We kindly call the attention of our contributors to the following: In making diagrams, draw them on white unruled paper and attach the same to the solution. Also, please, draw the diagram on as small a scale as possible, the large cuts being more expensive.

George B. Halsted, A. M.,(Princeton);Ph. D., (Johns Hopkins University), Professor of Mathematics in the University of Texas, has kindly consented to contribute a series of articles on Non-Euclidean Geometry, in future numbers of the MONTHLY. These articles alone will be worth many times the cost of the Journal, as Professor Halsted is recognized as one of the ablest expounders of the Non-Euclidean doctrine in the world.

Robert J. Aley, A. M., Professor of Mathematics in the University of Indiania, showed his appreciation of the MONTHLY by sending us the first club of fourteen subscribers.

Superintendent J. M. Greenwood, of Kansas City, Missouri, seems to have had great faith in THE AMERICAN MATHEMATICAL MONTHLY from the first; for no sooner did he receive our circular sent out in November than he immediately remitted, being the first to give the MONTHLY financial encouragement.

THE AMERICAN MATHEMATICAL MONTHLY is a fixed fact. We trust our friends will exert themselves to make it a financial success by securing new subscribers for us. Let each of our subscribers secure us a club of 10, yes even 1 new subscriber, and then we will soon be free from any anxiety of material loss in the publication of the MONTHLY.

BOOKS AND PERIODICALS.

Algebraische Gleichungen nebst den Resultaten und den Methoden zu ihrer Aufloeung. (Algebraic Equations with answers and methods of solution). by Dr. Ernst Bardy, Leipzig, 1893. Octavo, 378 pages.

This is the fourth edition of a well known German solution book for the use of teachers. It contains exactly one thousand exercises,all of which lead to a final quadratic equation. There are 492 examples involving one unknown quantity, 394 including two, and 114 embracing three or four unknowns. Answers are stated in all cases, and solutions of the more difficult exercises. Many special devices showing much engenuity on the part of the author are given, but it is a question if some examples are not of a nature to involve a great waste of time on the part of scholars. The following is one of the more difficult exercises:

$$\frac{y(1+x^2)}{x(1+y^2)}=a \qquad \frac{y^4(1+x^8)}{x^4(1+y^8)}=b$$

and the solution gives the results,

$$x=\tfrac{1}{2}(a\sqrt{u}+\sqrt{a^2u-4}) \quad y=\tfrac{1}{2}(\sqrt{u}+\sqrt{u-4})$$

in which u is a function of a and b which we leave to be deduced by young algebraists who are interested in problems of this kind. *Mansfield Merriman.*